LIMA LOCOMOTIVE CORPORATION

LIMA, OHIO, U. S. A.

Locomotive Tender

DETAIL INDEX No. 5060-T

Class 8-8000 **Dept.** DRAWING ROOM.

FOR USE WITH

Engines No. 5060 TO 5074 INC **19**15

Engines No. 5075 TO 5084 INC **19**15

Engines No. _____ **19**____

Engines No. _____ **19**____

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FORM LED. 32

5060

Index No. 15060 Date of Issue

ADDITIONS AND CHANGES

Date	ADDITIONS	Charge
6-17-15	5- Item 41	M
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7-20-15	1-39-41-49-50-52	M
7-20-15	4-46-51-52-41-42-43	M
7-20-15	10-11 To 32 INC.	M
7-21-15	5-22-23-24-25-26	M
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"	4-44-45	M
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"	4-17	M
"	3-47-51-56-57-22-23-24-25	M
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"	2-23-45-52-53,	M
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"	3-26-27-28-29-30	M
7-26-15	2-54-55-19-20-21-22	M
7-20-16	6-43-44	M
7-28-15	5-14-1-2-3-4-6-7	M
"	2-12	M
"	4-58-59-60-30	M
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"	2-34-27-21	M
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8-2-15	1-3-7-13-14-15-16-17	M
"	4-18-19	M
8-2-15	7-47-48-49-50-51	M
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9-29-15	5-15	M

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10-11-15	10-59	M
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6-29-15	Page 3-9	M
8-3-15	" " 50	M
9-21-15	" 5-3	M
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10-13-15	" 2-36	R

FORM LED. 30-A

Item	Check	TITLE	No. Pce.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
1	X L	DRAWGEAR		850-D-76	Westinghouse Friction. 5"x7" Shank Coupler		—	—	—	—
2	X L	Coupler Pocket	—							
3	J X L	" Followers	2	—	—	12 x 8¾" x 1⅞ - ⅜" RADIUS ON CORNERS	—	—	—	—
4	J X L	" Yoke	1	—	—	460-S-02	—	—	—	—
5	J X L	" Follower Guide	2	—	—	1" x 3¾" x 34" Long	—	—	—	—
6	I X L	" Carry Iron	1	460-D-27	—	—	—	—	—	21183
7	I X L	" ~~Hook~~ BUFFER CASTING	1	460-D-26	—	—	—	21186 ~ 105#	—	—
8		" Link	—							
9		" Lever	—							
10		" Screw	—							
11		" Chain	—							
12		" " Clevis	—							
13	L X B J	Drawbar Pin FRONT	1	270-D-108 ✓	—	270-S-100	—	—	—	—
14	J B X L	" " REAR	1	270-D-23	—	270-D-23	—	—	—	—
15	L X B J	Safety Chain Pin	2	270-D-108		270-S-101	—	—	—	—
16	I X L	Draft Gear Cheek Casting R L	1	460-D-23	—	—	—	21189 ~ 300# 21190 ~ 300#	—	—
17	I X L	" " ~~Key~~ CYLINDER SUPPORT	2	460-D-11	—	—	—	—	—	21176
18	S I X L	~~Drawhead Brace~~ SAFETY BAR POCKET	2	460-D-135	DRILL —	—	24737	197# —	—	—
19	J X L	Uncoupling Shaft	1		—	270-S-20	—	—	—	—
20		" " Arm	—							
21	S I X L	" " " Bracket	2	270-D-27	—	—	21611 ~ 5#	—	—	—
22	S I X L	" " " "	1	270-D-26	—	—	21612 ~ 5#	—	—	—
23										
24										
25										
26										
27										
28	L X	FRAME	1	850-E-74	—	—	—	—	—	—
29		" Center Sill	—							
30	J L X	" ~~Side Sill~~ DETAILS	1-SET	850-E-72	Channels, Plates, Angles & Z. Z's. Bent to suit Frame Shop.		—	—	—	—
31	X L	" End Sill DETAILS, REAR	1-SET	850-D-73	Plate & Angles ord.	—	—	—	—	—
32	L X J	" Corner ~~Angle~~ BRACE, FRONT	2	—	—	460-S-125	—	—	—	—
33	L X J	" " Bracket "	2	—	—	460-S-128	—	—	—	—
34	L X J	" " Knee REAR R L	2 2	—	—	460-S-127	—	—	—	—
35	L X J	" Brace FOOT	4	—	—	460-S-126	—	—	—	—
36		" "	—							
37		" "	—							
38		" Filling	—							
39	L I X	" DIAPHRAGM CROSSBEARER R L	2 2	460-D-141	—	—	—	24985 ~ 176 Ea. 24986 ~ 176 Ea.	—	—
40		" Pull Rods	—							
41	L I X	" Bolster. R L	4 4	460-D-140	—	—	—	24963 ~ 171 Ea. 24964 ~ 171 Ea.	—	—
42		" " Angle	—							
43		" " Plate	—							
44		" " Truss Bar	—				—	—	—	—
45		" " " Brace	—							
46		" " " Plate	—							
47		" " " Rods	—							
48		" " Tie Plate	—							
49	L I X	" Center Plate	1	460-D-139	—	—	—	24991	—	—
50	L I S X	" Side Bearing	4	460-D-142	—	—	24993 ~ 38#	—	—	—
51		" " "	—							
52	L I X J	Draw Casting-Front, & CTR. PLATE	1	460-E-136	2-Bushings 5⅝" in 2¾" long case Hardened	—	—	24768 ~ 260#	—	—
53		Bumper-Front	—							
54		Safety Chain	—							
55		" " Clevis	—							
56		" " Staple	—							
57	I X L	Chafing Casting	1	460-D-30	—	—	—	21451 ~ 260#	—	—
58	S I X L	" Iron BACK STOP	1	460-D-134	—	—	24750 ~ 275#	275# —	—	—
59		Spring Buffer	—							
60		" " Case	—							
61	I X L	REAR END STOP BRACKET	1	460-D-28	—	—	—	21169 ~ 21#	—	—

Item	Check	TITLE	No. Pce.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		FRAME (Cont.)	—							
1		Draw Casting-Back	—							
2		Bumper-Back	—							
3	1 x L	Push Pole Pocket R L	1 / 1	460-D-35	—	—	—	21241 ~ 85# / 21242 ~ 85# —	—	
4		" " Support	—							
5		Check Chain	—							
6		" " Pocket	—							
7	X J L	TANK ROPE Hook	3	~~460-D-33~~	—	460-S-33	—	—	—	—
8	X L F	Tender Floor	1	850-D-75	3x12" Plank, Yellow Pine	—	—	—	—	
9	L X ~~I~~ S	" " Edge ANCHOR CASTINGS	92	460-D-88	—	—	D-14026	1½# —	—	—
10		" Deck	—							
11		" " Shovel Plate	—							
12	L X	FRONT END SILL DETAILS	1-SET	850-D-71	Plate & Angles	—	—	—	—	—
13	F X L	PUSH POLE " "	1	460-D-33	Oregon Fir. ovd	—	—	—	—	—
14	X L	" " LOCATION		"	Style 2	—	—	—	—	—
15	X J L	" " SUPPORT	1	—	—	460-S-32	—	—	—	—
16	X J L	" " "	1	—	—	460-S-31	—	—	—	
17	X J L	" " "	1	—	—	460-S-03	—	—	—	—
18		FRAME BODY BRAKE								
19	L X J	Body Brake Lever	1	480-D-16	—	480-D-16	—	—	—	—
20	L X J	" " "	1	480-D-17	—	480-D-17	—	—	—	X J
21	L X J	" " " Support	1	—	—	480-S-42	—	—	—	—
22	L X J	" " " "	2	—	—	480-S-43	—	—	—	—
23	X L J	" " Connecting Rod	1	480-D-19	—	480-D-19	—	—	—	—
24	L X J	" " " " " FRONT REAR	1 / 1	480-D-75	—	480-D-75	—	—	—	—
25		" " Equalizer	—							
26		" " Fulcrum	—							
27	X J L	" " Rod - HAND	1	480-D-78	—	480-D-78	—	—	—	—
28		" " Clevis	—							
29	S 1 X L	" " Sheave	1	480-D-14	—	—	21651	5# —	—	—
30		" " " Support	—							
31	X J L	" " Shaft	1	480-D-77	—	480-D-77	—	—	—	—
32	X L	" " " ~~Cap~~ BRACKET	1	480-D-74	Plate	—	—	—	—	—
33		" " " Hanger								
34	X J L	" " " Step	1	480-D-73	—	480-D-73	—	—	—	—
35	S 1 X L	" " " ~~Wheel~~ HANDLE 5075-84 ONLY	1	480-D-86	—	—	25431	20 lbs cut —	—	—
36	S 1 X L	" " " Handle 5060-74 ONLY	1	480-D-13	—	—	21650	2½# —	—	—
37	S 1 X L	" " " Pawl	1	480-D-12	—	—	21649	2# —	—	—
38		" " " " Plate	—							
39	S 1 X L	" " " Ratchet	1	480-D-15	—	—	21656	6# —	—	—
40		" " " Weight	—							
41		" " Cylinder	1	—	12" x 12"	—	—	—	—	—
42		" " " Head	—							
43		" " " "	—							
44		" " " Support	1	Card 480-	½" x 15¼" x 20" Plate	—	—	—	—	—
45	L J X	Tender Brake Piston	1	480-D-23	—	480-D-23	—	—	—	—
46		" " " Follower	—							
47		" " " Ring	—							
48		" " " Rod	—							
49		Brake Reservoir Hanger	—							
50		" " Strap	—							
51	1 X L	HAND BRAKE CHAIN GUIDE	1	480-D-11	—	—	—	—	—	21180
52	X L J	" " "	1	480-D-24	¾" Chain	480-D-24	—	—	—	—
53	X L J	" " "	1	480-D-25	⅜" "	480-D-25	—	—	—	—
54	L X J	" " ROD SUPPORT	1	—	—	480-S-45	—	—	—	—
55	L X J	" " " "	1	—	—	480-S-44	—	—	—	—
56										
57										
58										
59										
60										
61										

Item	Check	TITLE	No. Pce.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
1	L X	HANDRAIL	2	—	1"-W.I. Pipe	—	—	—	—	—
2	L X J	" Column	4	—	Drill for 1" Pipe	420-S-117	—	—	—	—
3	L X J	" "	4	—	Drill for 1" Pipe	420-S-116	—	—	—	—
4		" Ball	—							
5		" Flange	—							
6		" "	—							
7	L J X	Bumper Handle	2	—	—	420-S-130	—	—	—	—
8		" "	—							
9	L X J	Tank Handle REAR.	~~1~~ 2	470-D-220	—	470-D-220	—	—	—	—
10	L X J	" " FRONT R L	1	470-D-193	—	470-D-193	—	—	—	—
11										
12										
13										
14										
15										
16										
17		HANGERS								
18										
19										
20	L X.	PIPING ARRANGEMENT		560-E-305		—	—	—	—	—
21	L X J	SIGNAL PIPE CLAMP 5060-74 only	1	— 858-D-76	—	560-S-141	—	—	—	—
22	X L I	PIPE CLAMPS 3/4" BRAKE CYL	2	560-D-19	—	—	—	—	—	21243
23	X L I	" " 3/4" " "	2	— 19	—	—	—	—	—	21244
24	X L I	" " 1 1/4" TRAIN LINE REAR	1	560-D-17	—	—	—	—	—	21175
25	X L I	" " 1 1/4" " " "	1	— 17	—	—	—	—	—	21171
26	I L X	" " 1 1/4" & 3/4" " "	3	560-D-282	With 3/16" Plate Clamp	—	—	—	—	25042
27	I L X	" " 2" STEAM HEAT 5060-74 only	2	560-D-283	—	—	—	—	—	25045
28	I L X	" " 2" " " 5060-74	2	—	—	—	—	—	—	25043
29	L X	~~PILOT~~ " 2" " " 5075-84	1	560-D-283	—	—	—	—	—	25045
30	L X	" ~~Band~~ " 2 " " 5075-84	1	—	—	—	—	—	—	25043
31		" ~~Brace~~ " 3/4 SIGNAL PIPE								
32		" "								
33		" Bottom Plate								
34		" Bracket								
35		" Corner Iron								
36		" Knee								
37		" Nose								
38		" Shoe								
39		" Strap								
40		" Sword								
41										
42										
43										
44										
45										
46										
47	L X F I S	STEPS—Front LOWER R L	1 1	410-D-88	With ~~Wooden~~ Treads	—	21278 21279	80 E 80 E	—	—
48		Front Step Hanger								
49	I X L	" " Bracket R L	1 1	460-D-10	—	—	—	21188 96 E 21187 94	—	—
50	L I F X S	Steps—Back, LOWER R L	1 1	410-D-85	Wooden Treads	—	25039 25040	80 E 80 E	—	—
51		Back Step Hanger	—							
52		" " Brace	—							
53		Tank Step	—							
54		" "	—							
55	L X J	Tank Ladder	1	470-D-229	—	470-D-229	—	—	—	—
56	S X F I L	STEPS. FRONT. UPPER R L	1 1	410-D-87	With Wooden Treads	—	24753 24754	315 E 315 E	—	—
57	S X F I L	" REAR, " R L	1 1	410-D-86	With Wooden Treads	—	24749 24752	170 E 170 E	—	—
58	X J L	TANK RUNNING BOARD BRACKETS	8	—	—	470-S-243	—	—	—	—
59	F X L	" " BOARDS.	2	—	OKA 1 1/2 x 10"	—	—	—	—	—
60										
61										

Item	Check	TITLE	No. Pce.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
1		SIGNAL FIXTURES								
2	S 1XL	Flag Socket	2	420-D-149	—	—	21250	4# —	—	—
3		Marker Bracket	—							
4	LX J	Lamp Bracket	1	—	—	470-S-234	—	—	—	—
5		" Hook	—							
6		Pail Hook	—							
7		Headlight Bracket	—							
8		" Shelf	—							
9	1X SL	BADGE PLATE	1	470-D-238	—	—	—	—	25079	—
10										
11										
12										
13										
14										
15		STEAM HEAT								
16		" " Piping								
17	4.1X	" " VALVE BRACKET 5060-74 only	1	560-D 278	—	—	—	—	—	25034
18	XJ L	" " HOSE SAFETY CHAIN BRKT	1	—	5060-74 only	560-S-140	—	—	—	—
19	XJ L	" " " " "	1	—	5060-74 only	560-S-139	—	—	—	—
20										
21		SAND BOX								
22		" " Handle								
23		" " Brace								
24		" Scoop								
25										
26										
27										
28										
29		SPRINGS								
30	LX	Truck Spring	4	—	Ord. to P.R.R. Print	—	—	—	—	—
31		" "	—							
32		" " End Washer	—							
33		" " " Block	—							
34		Buffer Spring	—							
35		Coupler Spring	—							
36		Draw Spring	—							
37		" "	—			—				
38		Water Scoop Spring	—							
39										
40										
41	L JX	DRAIN PIPE STOP BRACKET	2	— 470-D-230	—	470-S-236	—	—	—	—
42	L JX	" " " "	2	— 470-D-230	—	470-S-237	—	—	—	— X
43	L JX	" " " "	2	— 470-D-230	—	470-S-238	—	—	—	—
44	LJXT	TANK—WATER 5075-84 only	1	470-E-224	8000 Gal.	Bend Angles & Tees to Suit TANK Shop	—	—	—	—
45	LJXT	TANK—Water 5060-74 only	1	470-E-216	8000 Gal.	Bend Angles & Tees To Suit Tank Shop	—	—	—	—
46	L XT	" Material Bill 1552 M.O.		1552 1554-C	—	—	—	—	—	—
47		" Angle Iron	—							
48	J XL	" Brace	16	— 470-D-217	—	470-S-77	—	—	—	—
49	J XL	" ~~Knee~~ BRACE	12	— 470-D-217	—	470-S-229	—	—	—	—
50	X J L	" Lifter Iron R / L	1 / 1	470-D-205	—	—	—	24913 R 24914 L	—	—
51	L 1S X	" Drain Pipe	2	470-D-230	1/8" Rubber Gaskets	—	25013	474# figures about 240	—	—
52	L X	" " " Flange	2	—	3/16 Plate	—	—	—	—	—
53		" " " "	—							
54	J XL	" ~~End Rack~~ LUG, REAR	2	—	—	470-S-227	—	—	—	—
55	JX L	" Tool Hook	1	—	—	470-S-230	—	—	—	—
56	S 1XL	" Lug FRONT	2	470-D-68	—	—	21606	30#	—	—
57	J XL	" " REAR	2	— 470-D-217	—	470-S-228	—	—	—	—
58	T X L	" Funnel	1	470-D-235	1/4" Plate	—	—	—	—	—
59	X L	" " Lid	3	—	1/8" Plate	—	—	—	—	—
60	L XJ	" " Hinge	6	—	Pins to Suit	470-S-207	—	—	—	—
61	J XL	" " Handle	6	—	—	470-S-200	—	—	—	—

Item	Check	TITLE	No. Pce.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		TANK—Water (Cont.)								
1	T LX	Tank Coal Gate	1	470-D-234	Plate ord.	—	—	—	—	—
2	LXJ	Coal Gate ~~Angle~~ HOOK	2	—	—	470-S-61	—	—	—	—
3	LXJ	" " Catch	6 ~~2~~	—	—	470-S-64	—	—	—	—
4	LXJ	" " Latch	2	—	—	470-S-63	—	—	—	—
5	JIXL	" " Hinge	4	470-D-46	—	Pins To Suit	—	—	—	21184
6	LXJ	" " Chain	2	—	—	470-S-65	—	—	—	—
7	LX	~~Tank Valve~~ ANGLE 5060-74 only. R L	1 1	—	½" Plate Style 1	—	—	—	—	—
8		" " ~~Body~~ " 5075-84 only R L	1 1	—	3"x3"x½ L Style 2	—	—	—	—	—
9		" " ~~Stud~~ 5075-84	1	470-D-240	Plate ord	—	—	—	—	—
10		" " Rod	—							
11		" " Arm	—							
12		" " Handle	—							
13		" " Gland	—							
14	JLX	TANK VALVE Goose Neck R L	1 1	470-D-236	With W.I. Collars ¾ Thick x 4¼ O.D. Fin All over. 3" W.I. Pipe, ½	—	—	—	—	—
15	JLX	" " ~~Nut~~ " 11 U-BOLTS	2	—	—	To Suit Erect Shop	—	—	—	—
16		" " Sleeve	—							
17	LSX 1	" " Hose Nut	2	D-47002-4 Group	—	—	—	—	21415	—
18	IXL	" " " ~~Swivel~~ CLAMP	2	560-D-04	—	—	—	—	—	21172
19		Tank Valve Flange	—							
20	L IX	" ~~Siphon~~ "Drain Cock Body	2	D-42117-4 Group	Not Finished for Not & Swivel	~~Not Used~~ 6145	—	—	24997	—
21	L IX	" " ~~Strainer~~ " Plug	2	—	—	—	—	—	21686	—
22	L XIS	Tank Well	2	470-D-232	—	—	25028	—	—	—
23	L ISX	" " Plug	4	—	Taper ¾"/1 1/2" - 12 thd U.S standard, 2" Tap.	—	—	—	D-14510	—
24	L XIS	" Syphon	2	—	—	—	25026	—	—	—
25	L X	" " Pipe ~~Support~~	2	—	4" W.I. Pipe	—	—	—	—	—
26	L XIS	" " ~~Brace~~ PLUG	2	—	—	—	25027	—	—	—
27	IXL	Coal ~~Passer~~ GATE HINGE	4	470-D-46	—	—	—	—	—	21185
28		" " Hod								
29		" " Angle Iron								
30		" " Tee Iron								
31		" " Hinge								
32		" " Brace								
33		" " Cylinder								
34		" " " Head								
35		" " Piston								
36		" " " Rings								
37		" " " Rod								
38		" " " " Hinge								
39		" " Piping								
40	J XL	TANK ANCHOR BOLT	2	—	—	470-S-79 Pins To Suit	—	—	—	—
41	J XL	FORGED DETAILS FOR TANK	1-SET	470-D-217	—	Tank Shop	—	—	—	—
42	XL	TANK CROSS SECTIONS		470-E-218	—	—	—	—	—	—
43	J X+L	" SCREEN	1	470-D-225	Plate Ord.	Pins to Suit Tank Shop	—	—	—	—
44	X+L	" WASHOUT WELL	2	470-D-64	STYLE #2	—	—	—	—	—
45	L/XS	" " " PLUG	2	470-D-227	—	—	—	—	25041	—
46		TANK—Oil								
47		" Material Bill								
48		" Angle Iron								
49		" Brace								
50		" Lifter Iron								
51		Tank Lug								
52		" "								
53		Tank Funnel								
54		" " Lid								
55		" " Hinge-								
56		" " Screw								
57		" " Handle								
58		" " Gasket								
59	LXJ	TANK SCREEN PINS	12	470-D-225	—	470-D-225	—	—	—	—
60										
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Item	Check	TITLE	No. Pce.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		TANK—Oil (Cont.)								
1		Oil Tank Plug								
2		" " Valve								
3		" " " Seat								
4		" " " Rod								
5		" " " Arm								
6		" " " Gland				—				
7		" " " Goose Neck								
8		" " " Nut								
9		" " " Sleeve								
10										
11										
12										
13										
14										
15										
16	L X	TRUCK FRONT REAR	1 1	840-E-22	6"x11 Journals	—	—	—	—	—
17		" Arch Bar	—							
18		" Truss Bar	—							
19	L X B J	" Tie Bar BOLT	8	450-D-138		450-D-138	—	—	—	—
20	L X B J	" ~~Columns~~ "	8	450-D-142	—	450-D-142	—	—	—	
21	L X	" TIE BAR NUT LOCKS	16	450-D-26 #8	#8 plate	—	—	—	—	—
22	L X I	" Bolster	2	450-D-124	—	—	—	24791	—	—
23	L X I	" " ~~Guide~~ CORNER BRACE	4	—	—	—	—	24792	—	—
24	L X I	" " ~~Bar~~ " "	4	—	—	—	—	24793	—	—
25		" " Cap	—							
26		" " Truss Rod	—							
27	—	" " " " Washer	—							
28		" " " " Handle	—							
29	L X I	" Center Plate	2	450-D-113	—	—	—	24755	—	—
30	X J L	" King Bolt	2	450-D-133	—	450-D-133	—	—	—	—
31		" " " Keys	—							
32		" Spring Plank	—							
33	L X I	" " Seat	8	450-D-126	—	—	—	24803	—	—
34		" " Guide	—							
35	J X L	" " Hanger	8	—	—	450-S-94	—	—	—	—
36	J X L	" " STOP	4	—	—	450-S-95 this was omitted on 6060-E5 by shop.				
37		" " " Gib	—							
38	X J L	" Side Bearing BLOCK FRONT	2	—	—	450-S-101	—	—	—	—
39	X J L	" " " Block REAR	2	—	—	450-S-102	—	—	—	—
40	L X J	" Frame	4	—	2 7/8 x 4 7/8 Bars one end 2 3/4 x 5	—	—	—	—	—
41		" " Brace	—							
42	J X L	" " Crosstie	4	—	—	450-S-93	—	—	—	—
43	L I X S	" Pedestal	8	450-D-134	Chilled as Shown	—	25047	6160 # 70# each	—	—
44	L I X S	" "	8	—	Chilled as Shown	—	25048	6800 # " "	—	—
45	J X L	" " Cap	4	—	—	450-S-91	—	—	—	—
46		" " " Tie	—							
47	J X L	" Equalizer	8	—	—	450-S-92	—	—	—	—
48		" "	4		—	450-S-92	—	—	—	—
49		" Swing Frame	—							
50		" " Link	—							
51	X L J	" ~~Check~~ Chain Strap	8	—	3/4" x 3 1/2" x 12 7/8" - 1 End Round. to suit frame ship	—	—	—	—	—
52	J X L	" Check Chain	2	450-D-121	Style 1	450-D-121	—	—	—	—
53	J X L	" " " ~~Bolt~~ With Clevis	6	—	Style 2	450-D-121	—	—	—	—
54	B J X L	BRAKE PINS " ~~Clevis~~	2	D-30104 Line 8	—	D-30104- Line 8	—	—	—	—
55	B J X L	" " " ~~Pocket~~	6	" 9	—	D-30104- 9	—	—	—	—
56	B J X L	" "	2	" 10	—	D-30104 10	—	—	—	—
57	B J X L	" "	1	" 11	—	D-30104- 11	—	—	—	—
58	B J X L	" "	4	" 12	—	D-30104-12	—	—	—	—
59	B J X L	" "	12	" 13	—	D-30104-13	—	—	—	—
60	B J X L	" "	4	" 14	—	D-30104-14	—	—	—	—
61										

Item	Check	TITLE	No. Pce.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
1	X L	TRUCK BRAKE		840-E-22	—	—	—	—	—	—
2	X L	" " Beam	4	—	No 2	—	—	—	—	—
3		" " " Column	—							
4	X S L	" " " ~~Truss~~ HANGER BEARING	8	450-D-129	—	—	25071	32# —	—	—
5	J X L	" " " Support	8	—	—	450-S-98	—	—	—	—
6		" " " Safety Chain	—							
7		" " Head	—							
8	X L	" " Shoe	8	—	CHRISTIE	—	—	—	—	—
9	L	" " " Key	8	—	—	—	—	—	—	—
10		" " " Clevis	—							
11	J X L	" " Lever	2	450-D-118	—	450-D-118	—	—	—	—
12	J X L	" " " Guide R L	1 1	—	—	450-S-97	—	—	—	—
13	J X L	" " Dead Lever (FRONT)	1 2	450-D-119	—	450-D-119	118 —	—	—	—
14	J X L	" " " " Anchor	2	—	—	450-S-96	—	—	—	—
15	L X J	" " Lever Rod	2	D-45009-12 Group	—	D-45009-12 Group	—	—	—	—
16	L I X	" " DEAD LEVER LUG R L	1 1	450-D-128	—	—	—	25032 19 25033 14	—	—
17	J X L	" " BEAM SUPPORT U-BOLT	8	— 450-D-129	—	450-S-99	—	—	—	—
18	J X L	" " DEAD LEVER (REAR)	1	—	—	450-D-118	119 —	—	—	—
19	X L J	" " BEAM LEVELING SPRING	4	450-D-120	—	450-D-120	—	—	—	—
20	X L J	" " " " HANGER	4	—	—	450-D-120	—	—	—	—
21	X L J	" " " " SPG CLAMP	4	—	—	450-D-120	—	—	—	—
22	X L	TRUCK WHEEL	8	—	36" Wrought Steel	—	—	—	—	—
23	X L	Wheel Pressed On Axle (Tons)		90 TONS	—	—	—	—	—	—
24		Wheel Center	—							
25		" Tire	—							
26		Tire Retaining Ring	—							
27	X X L	Tender Axle	4	450-D-02	—	—	—	—	—	—
28	X L I	" Box	8	450 E-125	—	—	—	24810	—	—
29	X L	" " Lid	8	—	6"x11" ORD.					
30	X L J	" " " ~~Spring~~ PIN	8	—	—	450-S-105	—	—	—	—
31	X L	" " Journal Brass	8	—	6"x11. ORD.	—	—	—	—	—
32	X L	" " " Wedge	8	—	DROP FORGED ORD	—	—	—	—	—
33	F L	" " Dust Guard	8	D-45110-5 Group	BASS WOOD,	—	—	—	—	—
34	L	" AXLE MARKING		450-D-122	—	—	—	—	—	—
35										
36										
37										
38										
39										
40	X L T	TOOL BOX, R L	1 1	470-E-233	PLATE	—	—	—	—	—
41		" "	—							
42		" " Handle	—							
43		" " "	—							
44		" " Brace	—							
45		" " "	—							
46	J F X I L	" CLOSET HINGE	4 4	470-D-43	—	Pins to Suit	—	—	—	21177 21178
47	X L	BULKHEAD TOOL CLOSET HINGE & LATCH	4	470-D-237	—	—	—	—	—	—
48	X J L	" " " LATCH	2	—	—	470-S-241	—	—	—	—
49	X J L	" " " CATCH	2	—	—	470-S-242	—	—	—	—
50	X J L	" " " HINGE	4	—	—	470 S-239	—	—	—	—
51	X J L	" " " " STRAP	4	—	—	470 S-240	—	—	—	—
52	L X J	FIRE HOOK STUD	1	—	—	470-S-244	—	—	—	—
53	L X	TOOL BOX HASP & STAPLE	2	470-D-228	3/16" ~~Plate~~ Hasp	—	—	—	—	—
54	L X J	" " "	2	470-D-228	—	470-S-231	—	—	—	—
55	L X J	" " " STRAP	2	470-D-228	—	470-S-67	—	—	—	—
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Item	Check	TITLE	No. Pce.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
1	XL1	5060-74 only STEAM HEAT. BODY VALVES, ~~COCKS~~ & FITTINGS	1	560-D-299						25092
2	XL	~~Angle~~ Valve SEAT	1	—	Jenkins Composition	—	—	—	—	—
3	XLS1	" " ~~Cap~~ " HOLDER	1	—	—	—	—	—	25093	—
4	XL	" " Stem	1	—	Rolled Brass	—	—	—	—	—
5	XLS1	" " ~~Gland~~ SEAT	1	—	—	—	—	—	25095	—
6	XL	" " ~~Nut~~ FOLLOWER	1	—	—	—	—	—	STICK BRASS	—
7	XLS1	" " ~~Handle~~ STUFFING BOX	1	—	—	—	—	—	25094	—
8	XL	" " ~~Coupling~~ STUFFING BOX Nut	1	—	—	—	—	—	HEX BRASS	—
9	XL	" " ~~Swivel~~ STEM SLEEVE	1	—	—	—	—	—	HEX BRASS	—
10	XL	VALVE SEAT CLAMP NUT	1	—	—	—	—	—	STICK BRASS	—
11		Box Cooler Valve								
12		" " " Cap								
13		" " " Stem								
14		" " " Gland								
15		" " " Nut								
16		" " " Handle								
17		" " " Coupling Nut								
18		" " " Swivel								
19										
20		Box Cooler Hose								
21		" " Fitting								
22		" " " Nut								
23		" " " Swivel								
24										
25		Oil Tank Cock								
26		" " " Cap								
27		" " " Plug								
28		" " " Nut								
29		" " " Washer								
30	XJL	" " " Handle								
31										
32	S 1XL	Tank Cock BODY	1	550-D-79	—	—	—	—	21614	—
33	S 1XL	" " Plug	1	—	—	—	—	—	21615	—
34	XL	" " Nut	1	—	Hex Brass	—	—	—	—	—
35	S 1XL	" " Washer	1	—	—	—	—	—	21616	—
36	XL	" " Handle	—							
37	XL	" " Hose Nut	—							
38	XL	" " " Swivel	—							
39	S 1XL	" " FLANGE	1	—	—	—	—	—	24741	—
40										
41	S XL	STEAM HEAT VALVE HANDLE 5060-74 only	1	—	Face Hub & Fin. To fit Valve Stem.	—	01830	—	—	—
42										
43										
44										
45		WATER COOLER								
46		" " Base								
47		" " Top								
48		" " Lid								
49		" " Casing								
50		" " Cock								
51		" " " Plug								
52		" " " Nut								
53										
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Item	Check	TITLE	No. Pce.	PRINCIPAL DRAWING		FORGINGS	CASTINGS—PATTERN NUMBERS			
				Card No.	Construction Notes	Sketch No.	Cast Iron	Cast Steel	Brass	Mal. Iron
		5060-74 only								
1		WATER SCOOP	—							
2		Scoop Cylinder	—							
3		" " Head	—							
4		" " "	—							
5		" Piston	—							
6		" " Rings	—							
7		" " Rod	—							
8	L S I X	" Inside Pipe 5060-74 only	1	580-D-06	—	—	25029	90 — figure #625	—	—
9		" Outside Pipe	—							
10		" Air Pipe Casing	—							
11	L S I X	" ~~Neck~~ BOTTOM COVER PLATE 5060-74 only	1	— 580-D-06	—	—	25030	90 —	—	—
12		" Splash Hood	—							
13	T H L X	" ~~Dipper~~ INSIDE PIPE HOOD 5060-74 only	1	580-D-03	3/8" Plate	—	—	—	—	—
14		" " Link	—							
15		" " Lifter	—							
16		" Shaft	—							
17		" " Fulcrum	—							
18		" Bell Crank	—							
19		" Arm	—							
20		" Spring	—							
21		" " Rod	—							
22		" " Seat	—							
23		" Jaws	—							
24		" Rods	—							
25		" Lever	—							
26		" Link	—							
27		" Bracket	—							
28		" Brace	—							
29		" Pipe Hanger	—							
30		" Operating Valve	—							
31		" " " Cap	—							
32		" " " Plug	—							
33		" " " Nut	—							
34		" " " Handle	—							
35		" " " Quadrant	—							
36		" " " Spring	—							
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5060

Item	Check	TITLE	No. Pce.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		STOKER DETAILS	1	390-D-262						
1	1XL	CONVEYOR TRUNION SUPPORT	1	390-D-262	—	—	—	24760	—	—
2	1XL	" " " CLAMP	2	—	—	—	—	24761	—	—
3	1XL	" PADDLES	14	390-D-266	9¾	—	—	—	—	24776
4	1XL	" "	14	390-D-268	9"	—	—	—	—	24777
5	1XL	" "	14	390-D-269	8½"	—	—	—	—	24778
6	1XL	" "	21	390-D-270	8"	—	—	—	—	24779
7	XL	" TRUNION SUPPORT PIN	1	390-D-262	—	390-S-234	—	—	—	—
8	XL	" CONNECTING ROD LUG	2	390-D-123	—	—	—	24842	—	—
9	XL	" ROCKER ARM FULCRUM BRACKET	2	390-D-165	—	—	—	24843	—	—
10	XL	" " " " " LINER	2	—	½ x 4½ x 14" PLATE	—	—	—	—	—
11	XL	COAL CUT OFF OPERATING SHAFT	1	390-D-273	2½ DIA COLD ROLLED STEEL		—	—	—	—
12	XL	" " " LEVER ARM	2	—	—	—	—	24800	—	—
13	XL	" " " OPERATING LEVER	1	—	—	—	—	24799	—	—
14	XL	" " " SHAFT BEARINGS	2	—	—	—	—	24801	—	—
15	XL	" " " ROD	2	—	1¼" IRON PIPE	—	—	—	—	—
16	XJL	" " " " JAWS	4	—	—	390-S-260	—	—	—	—
17	XL	" " " BRACKET	1	390-D-272	—	—	—	24798	—	—
18	XSL	CRUSHER,	1	390-D-300	—	—	25003	—	—	—
19	XL	" ROCKER ARM R L	1	—	With C.H. Steel Bushings	—	—	25004	—	—
20	XSL	" HOPPER	1	—	—	—	25000	—	—	—
21	XSL	" SHAFT BEARING	2	—	—	—	25001	—	—	—
22	XL	CONVEYOR SADDLE	1	—	—	—	—	24999	—	—
23	XSL	" ROLLER	10	—	—	—	25005	—	—	—
24	XL	" CONNECTING ROD, Upper	2	—	With C.H. Steel Bushings	—	—	24998	—	—
25	XSL	CUT OFF SLIDE	1	—	—	—	25002	—	—	—
26	XL	CONVEYOR SINGLE TREE	1	390-D-259	With C.H. Steel Bushings	—	—	25016	—	—
27	XL	" ROCKER ARM	2	—	With C.H. Steel Bushings	—	—	25015	—	—
28	XL	" SINGLE TREE FULCRUM	1	—	—	—	—	25018	—	—
29	XL	" CONNECTING ROD, LOWER	2	—	With C.H. Steel Bushings	—	—	25017	—	—
30	XL	CRUSHER SINGLE TREE	1	—	With C.H. Steel Bushings	—	—	25014	—	—
31	XJL	CONVEYOR FULCRUM BOLT	1	—	—	390-S-261	—	—	—	—
32	XSL	TRUNION SUPPORT BEARING	1	390-D-306	—	—	25021	—	—	—
33	LX	CRUSHER ROCKER ARM L	1	—	With C.H. Steel Bushings	—	—	25099	—	—
34	LX	CONVEYOR TROUGH & CARRIER	1	390-E-312	Plate, Ord	—	—	—	—	—
35	LX	STOKER DETAILS, FORGED		390-D-315	—	—	—	—	—	—
36	LXJ	CONNECTING ROD R L	1	—	Make two for Checking Length x Offset	390-S-271	—	—	—	—
37	LXJ	CONVEYOR ROLLER SUPPORT	4	—	—	390-S-272	—	—	—	—
38	LXJ	" " "	6	—	—	390-S-273	—	—	—	—
39	LXJ	CUT OFF CROSS ARM	1	—	—	390-S-274	—	—	—	—
40	LXJ	" " ROCKER ARM R L	1	—	—	390-S-275	—	—	—	—
41	LXJ	AGITATOR	1	—	—	390-S-276	—	—	—	—
42	LXJ	STOKER CONVEYOR CROSSTIE	2	—	—	390-S-277	—	—	—	—
43	LXJ	" " ROLLER PIN	10	—	—	390-S-278	—	—	—	—
44	LX	CONVEYOR ROLLER LINER	10	—	⅜" Plate. 4" DIA.	—	—	—	—	—
45	LXJ	" CARRIER ROLLER	4	—	3" DIA. 1½" Long FIN SIZES.		—	—	—	—
46	LXJ	CRUSHER ROCKER ARM SHAFT	1	—	—	3" DIA. 39½" Long FIN Sizes	—	—	—	—
47	LX	" BEARING LINER	1	—	¾" x 15½" x 26½ Plate	—	—	—	—	—
48	LX	COAL CUT OFF HAND BRAKE WHEEL	1	480-D-43	—	—	—	—	—	25107
49	FLX	DOOR IN FLOOR FOR CONVEYOR	1	850-D-78	WOOD	—	—	—	—	—
50	LX	COAL CUT OFF DETAILS & ARRGT		390-D-307	—	—	—	—	—	—
51	LXJ	" " " GEAR	1	—	—	Steel 3½ Dia. x 1 1/16" FIN Sizes.	—	—	—	—
52	LX	" " " RACK	1	—	¾" x 2½ x 67¼ Bar.	—	—	—	—	—
53	LX	" " " ROLLER	1	—	2" Dia. x 17/16" Long	—	—	—	—	—
54	LXJ	" " " LATCH	1	—	—	390-S-279	—	—	—	—
55	LXJ	" " " SHAFT	1	—	—	390-S-280	—	—	—	—
56	LJB	CONVEYOR PINS	1-SET	390-D-305	All Case Hardened	390-D-305	—	—	—	—
57	LJB	COAL CUT OFF PINS	3	—	—	390-S-281	—	—	—	—
58	LX	CRUSHER & CONVEYOR ARRANGEMENT		390-E-316	—	—	—	—	—	—
59	LXJ	COAL CUT OFF OPERATING SHAFT COLLAR	2	—	—	390-D-273	—	—	—	—
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Item	Check	TITLE	No. Pce.	PRINCIPAL DRAWING		FORGINGS	CASTINGS—PATTERN NUMBERS			
				Card No.	Construction Notes	Sketch No.	Cast Iron	Cast Steel	Brass	Mal. Iron
1										
2										
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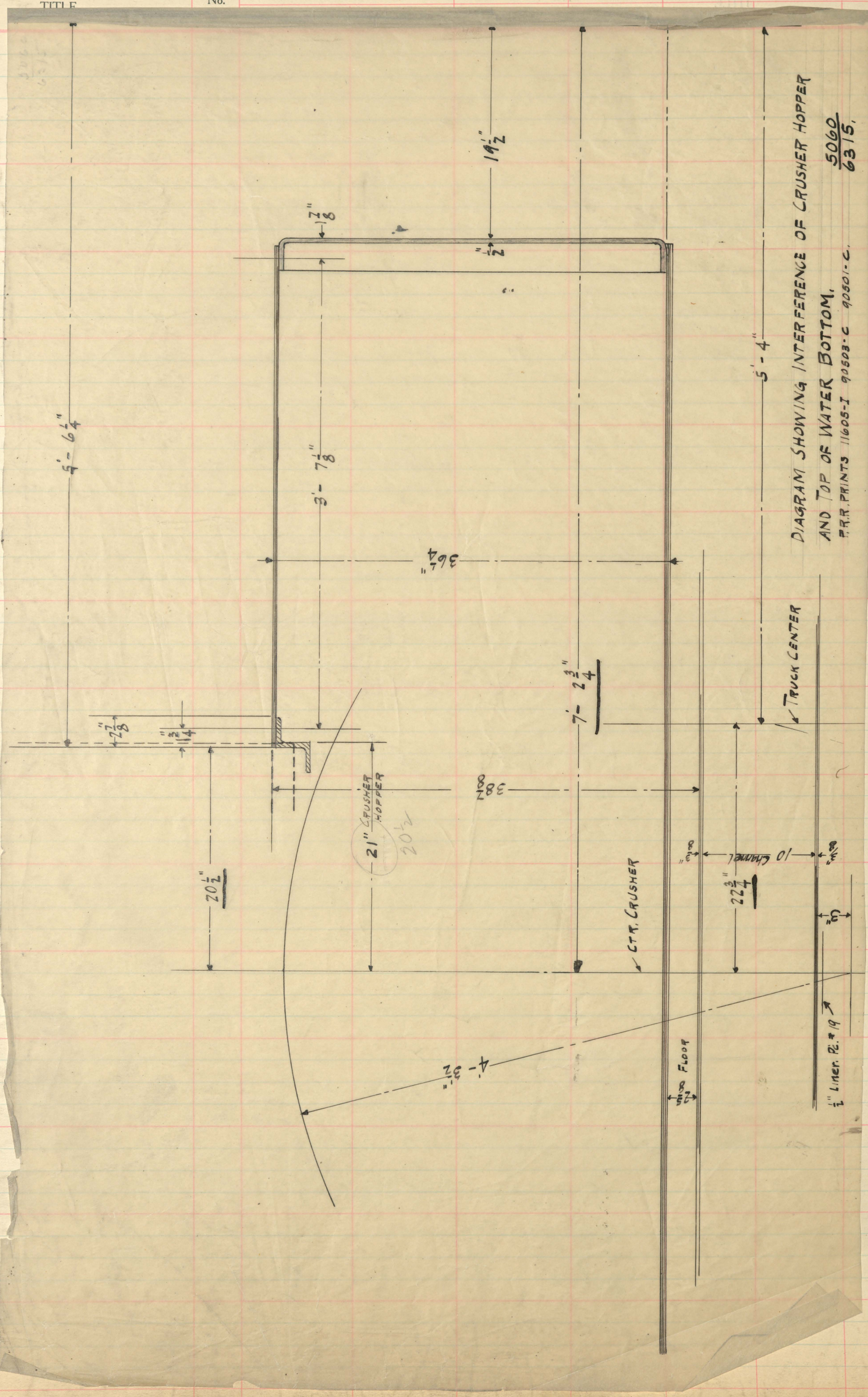
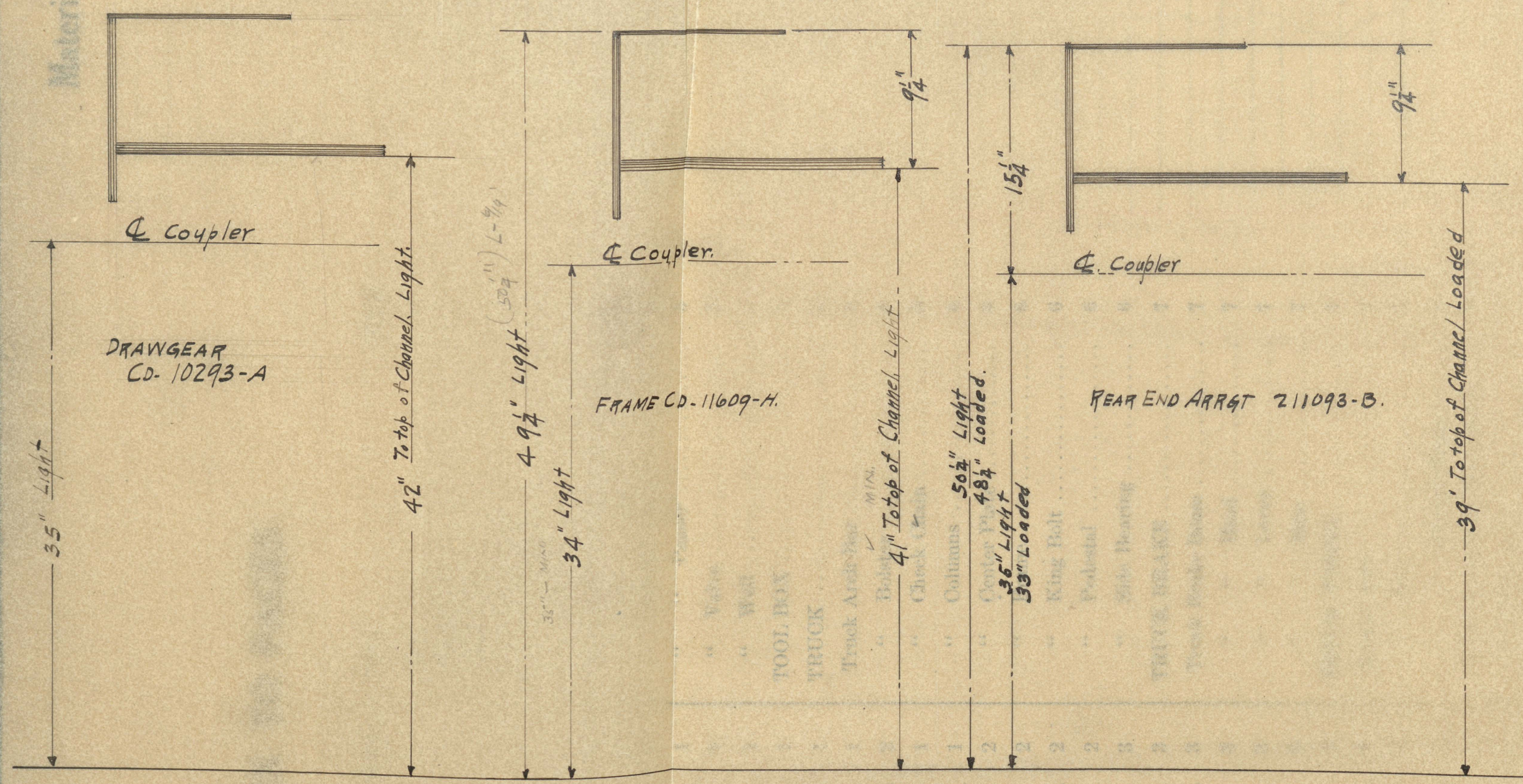
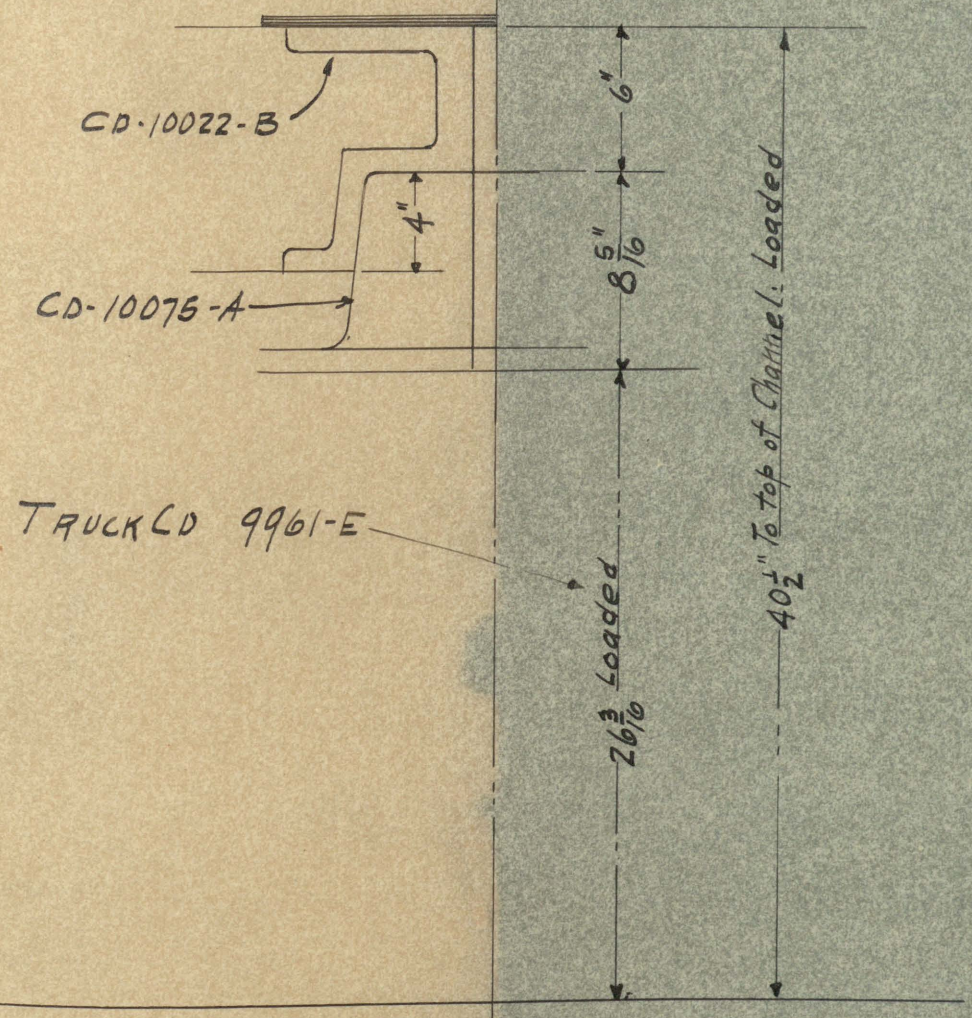
Item	Check	TITLE	No.	PRINCIPAL DRAWING	FORGINGS	CASTINGS—PATTERN NUMBERS
						l. Iron



Material Specifications

FORM LED. 32-A





DISCREPANCIES IN P.R.R. DRAWINGS RELATIVE TO DRAWGEAR HEIGHTS.

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